

WRITTEN OPINION OF THE INTERNATIONAL SEARCH AUTHORITY  
(ADDENDUM)

International file no. PCT/EP2004/053493

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Item V

Reasoned statement with regard to novelty, inventive step and industrial applicability; citations and explanations supporting such statement

Reference is made to the following documents:

D1: XP 006510335  
D2: EP 0 520 666  
D3: US 5,680,048  
D4: US 4,099,118

1. The present Application does not meet the requirements of PCT Article 33(1) because the measuring device of Claim 1 and the corresponding method of Claim 10 are not novel as defined by PCT Article 33(2).

1.1 Document D1 discloses

- a measuring device, in particular a handheld measuring device, for the localization of objects enclosed in a medium (page 172, col. 2, lines 14-30),
- comprising at least one photometric sensor (FLIR) for obtaining, by way of the at least one photometric sensor, a first measurement signal of the object to be examined (page 172, col. 2, line 39 - page 173, col. 1, line 9),
- so that by evaluation of that measurement signal, information about an object enclosed in the medium is obtained (page 173, col. 1, lines 3-9), and comprising

- a further sensor for generating at least one further second measurement signal for obtaining information about the object enclosed in the medium, is provided [sic] (page 173, col. 1, lines 10-20).

1.2 A similar reasoning applies to Claim 10.

2. The dependent Claims 2 - 9, 11 - 16 contain no features that, in combination with the features of any claim to which they refer, meet the requirements of the PCT with regard to novelty or inventive step, respectively. The reasons for this are as follows:

**Claims 2, 3:** Document D1 discloses an infrared sensor (FLIR) and a radar sensor (GPR).

**Claims 4, 5, 6, 7:** The use of the sensors described is well known in the field of localization measuring devices: for a broadband sensor of a pulsed radar, see document D2 (col. 7, lines 36-53); for an inductive sensor, see document D3 (Abstract, Figure 4); and for a capacitative sensor, see document D4 (Abstract).

**Claims 8, 9:** Integration of the sensors in a common housing or on a common circuit board is well known to one skilled in the art.

**Claims 11-16:** All the method steps described are standard in the field of signal measurement.